

Fourth Workshop on Use of Isentropic and other Quasi-Lagrangian Vertical Coordinates in Atmosphere and Ocean Modeling

7-9 October 2008

NOAA David Skaggs Research Center

Boulder, Colorado

co-sponsored by the

Earth System Research Laboratory

and

NOAA/NWS/NCEP

The previous meetings were held in August 2004 - (Bethesda, MD), [April 2002 - Louisville, KY](#), and August 2000 - Madison, WI.

Considerable development and testing of quasi-Lagrangian vertical coordinates has occurred since the last hybrid- Θ modeling workshop 4 years ago. This work in both the atmospheric and ocean has demonstrated further the potential for isentropic and other quasi-Lagrangian vertical coordinates to improve simulations and forecasts of geophysical fluid flows.

This workshop will include both invited and contributed papers on the latest progress in this rapidly developing field, including papers on principles, design, and research and operational applications and related plans. A poster session may also be included, depending on the number of submissions. Ample time will be set aside for discussion of major theoretical and technical issues. We wish to limit the focus for this workshop to theory, development, and applications for quasi-Lagrangian vertical coordinates.

As recipients of this email, here are your responsibilities:

1. Please mark these days down on your calendar.
2. Forward this message on to others who may be interested.
3. Send an email to stan.benjamin@noaa.gov to indicate your possible interest.

Abstracts will be due on 1 August 2008. More information will be posted at <http://ruc.noaa.gov/workshop/hybrid-isen-oct08/> as it becomes available. We look forward to seeing many of you in October.

From the Program Committee:

- Stan Benjamin, NOAA Earth System Research Laboratory (ESRL)
- Dave Randall, Colorado State University
- Don Johnson, University of Wisconsin
- Tim Dowling, University of Louisville
- Rainer Bleck, NASA GISS and NOAA/ESRL

Local organizing committee:

Stan Benjamin, John M. Brown, Bernie Johnson, Katy Stewart, Holly Palm

Sponsoring organization directors:

Louis Uccellini-NCEP, Sandy MacDonald-NOAA/ESRL

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